

# HIGH FIDELITY CATALOG



# JVC



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Archiv Michael Otto



## Our goal — The world's most advanced line of audio equipment

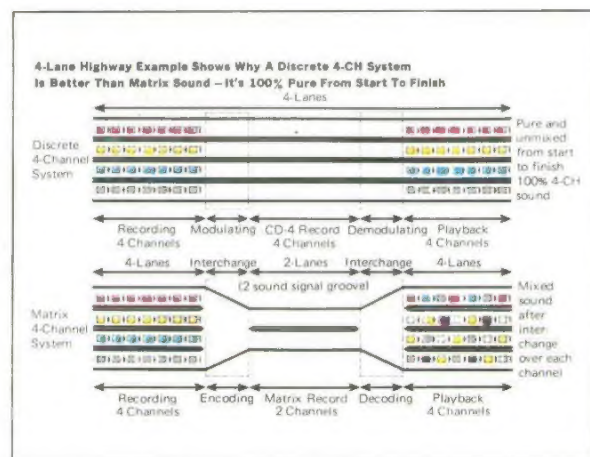
The true audiophile shouldn't have to look further than the pages of this catalog to discover all the innovative products he requires for superb sound. The features you see here are just a few of the major advances created by JVC's engineering laboratories to provide the world's most sophisticated line of audio products. These innovations are JVC's alone — you won't discover them on any other hi-fi products. They set the JVC line apart from the ordinary.

### CD-4 Disc System



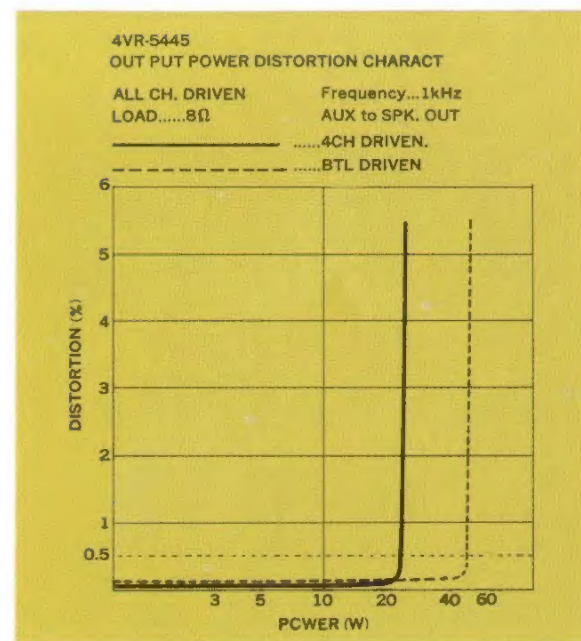
This innovation is a major milestone in audio technology. It's the indisputable "sound field" realism that adds a new depth and dimension to music. The

JVC CD-4 discrete disc puts four independent, discrete channels of sound into a V-shaped record groove, utilizing new techniques in the recording process. The big difference between matrix and CD-4 4-channel sound is the "purity" of 4-channel stereo offered by the JVC system. Discrete 4-channel maintains four separate channels of sound from the recording studio through the audio system and finally through the four speakers in the listener's living room. Signals are not blended into two channels, then decoded or unscrambled. Tone quality is greatly improved. Sound resolution is superb, the movement of the sound is distinct. JVC CD-4 discrete 4-channel sound is truly a breakthrough. It's destined to change the whole 4-channel picture — and soon.



## BTL BTL — No Wasted Watts

Balanced Transformer-Less circuitry (BTL) is another kind of JVC innovation that you'll discover in many of the new 2- and 4-channel receivers and amplifiers this year. This circuitry has a variety of advantages for the audiophile, mainly in that it enables individual components to deliver the same power output in the 2-channel stereo mode as in the 4-channel mode. Without BTL, these units wouldn't be able to offer more power in stereo than 50% of their 4-channel output. And, you would lose all the power reserve available in the rear channels.

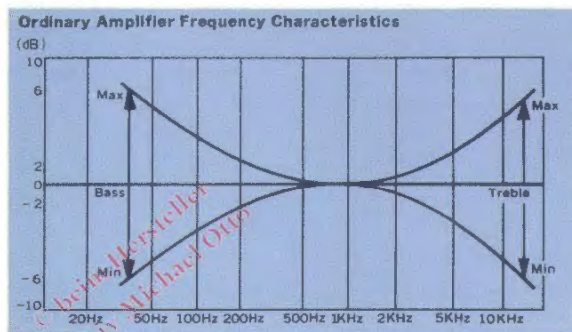
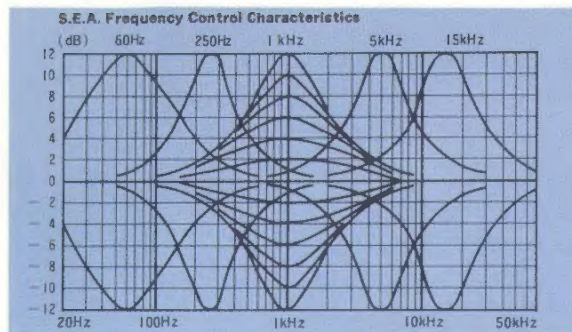






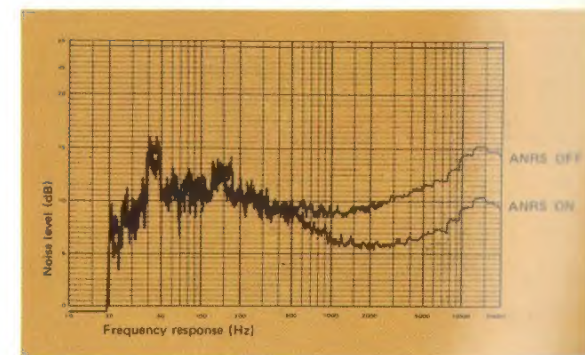
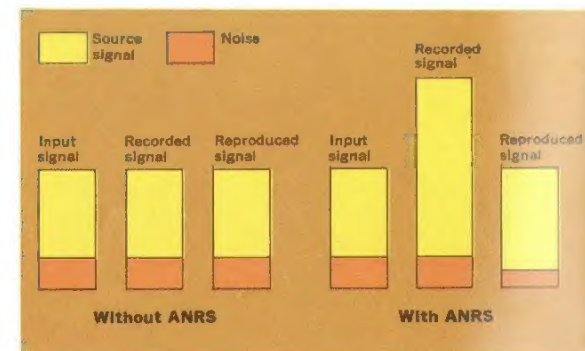
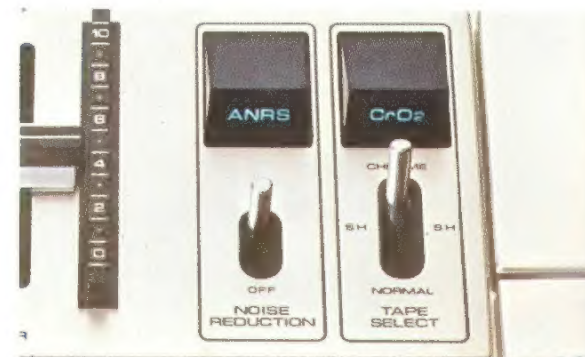
S.E.A. (U.S. Patent No. 3566294)

You'll find it this year in almost all of our outstanding amplifiers and receivers. This unique Sound Effect Amplifier super tone control system has multiple advantages. It permits the user to exercise total control and complete freedom over sound in all the crucial frequency ranges through independent control over 5 on 7 bands. And, he can compensate for room acoustics with S.E.A.; he can even originate entirely new sounds of his own choosing. S.E.A. may be used for recording as well as playback. A recent test report in *Stereo Review* called S.E.A. "the most effective tone control system we have ever used."



This is an advanced Automatic Noise Reduction System, exclusive with JVC. It was developed to obtain better high-fidelity sound from cassette tape decks, to reduce noise without distorting or cutting out any music. It especially works to eliminate undesirable tape hiss in the mid-to-high frequency ranges without affecting the tape deck's frequency response. ANRS reduces noise by 5dB at 1kHz and 10dB at 10kHz. ANRS has a characteristic curve similar to those of other noise

reduction systems. Tapes made on Dolby, for example, can be played back on an ANRS system, and vice versa.





# LAB SERIES PROFESSIONAL EQUIPMENT

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Archiv Michael Ortmann









## Lab Series Professional Equipment.

The Lab Series is where JVC shows off its total range of engineering skills, as exemplified by the features on this page — and the pages that follow.

### Our Products

There's a Lab Series product for every stereo use. In receivers, there's the 300 watt VR-5660, which ranks with the very finest ever built by anyone. JVC's Lab Series also features separate, integrated amplifiers and matching tuners. And a new, distinctive-looking studio-type turntable. And speaker systems especially designed for the discriminating audiophile.

### Engineering Innovations

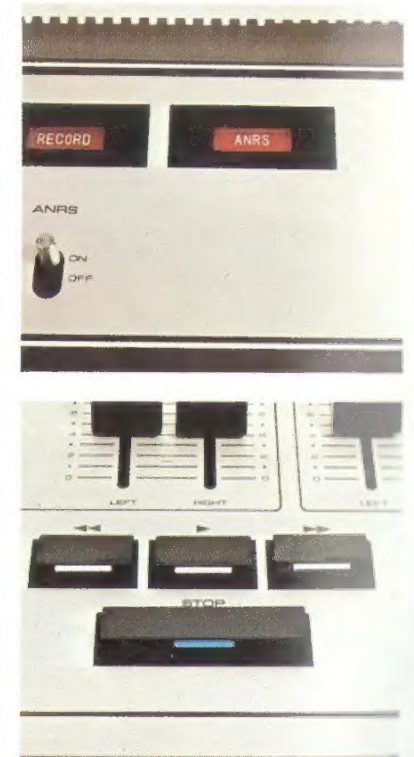
The Lab Series is our audio showcase. Some of JVC's finest research achievements are contained within these products. Things like the FM digital read-out capability of the VR-5660. Or its immediate conversion to a digital chronometer when the receiver is not in use. Other features include the soft dome speaker of the SX-3, a type of pulsating hemisphere for acoustic excellence. Or the omni-directional natural sound features of the VS-5313.

Even the DC brushless servo motor of the VL-8 turntable is an engineering breakthrough. And the patented S.E.A. system, incorporated in many of our finest units, has been further improved. ANRS, our Automatic Noise Reduction System to reduce cassette tape hiss and noise, is now a standard feature in our finest tape decks. One model, CD-1669 cassette deck also has a feather-touch solenoid electromagnetic system that operates all of its controls and can be regulated

from any remote listening position.

### The Idea Behind the Idea

True innovation lies behind each and every one of these products. Parts are selected after careful testing and scrutiny. Testing for perfection is elaborate in our specially-designed JVC research laboratories. Each component is handcrafted. You can select the JVC Lab Series with complete confidence. In a sense, they are the stereo components of tomorrow, available today.





# VR-5660

300 Watt FM Stereo Receiver with Digital Tuner Chronometer.

This 300 watt beauty is the complete receiver in every way. Its FM capabilities, for example, are unsurpassed. The VR-5660's FET front end enables it to achieve a sensitivity figure of  $1.6\mu\text{V}$ . Two ICs and four mechanical filters in the FM IF amplifier provide impressive figures in S/N, distortion, selectivity and capture ratio. The VR-5660 also offers high

performance FM multiplex circuit, FM muting switch and FM stereo-only switch. Moreover, it features a new FM digital readout circuit that lights up the FM frequency being received as it is tuned or converts to a digital chronometer. JVC's S.E.A. system is built-in for complete tone control. The VR-5660 also delivers top phono performance through an advanced 3-stage direct-coupled equalizer circuit. It has a capability of handling two decks with front panel jacks to facilitate taping. And it's equipped to connect up to three pairs of speaker systems. 6-3/4"H x 20-3/4"W x 15-1/4"D. 46.2 lbs.



**SEA** 100W/CH RMS (1kHz), Frequency response: 10–60,000Hz, FM Usable sensitivity:  $1.6\mu\text{V}$  (IHF)



# 4VN-990

## 280 Watt 4-Channel Integrated Amplifier with S.E.A.

This unit provides 155 watts per channel in 2-channel usage (at 8 $\Omega$ ) thanks to JVC's built-in BTL circuit. The SFCS matrix system for EV, QS, SQ handles converted 2- and encoded 4-channel information. Discrete 4-channel capabilities also. Sound in all four channels can be totally controlled with built-in front and rear channel S.E.A. Four built-in VU meters with independent level controls, high-cut and low-cut

filters and a 4-channel balance/remote control jack have been provided. A 4-channel amplifier with a power bandwidth of 10 to 30,000Hz (THD 0.5%, S/N ratio 75dB) brings performance to new levels. 2-channel and 4-channel input terminals have been provided for tape rec/play, AUX 1 and 2 (for connecting a CD-4 demodulator, 8-track cartridge player, etc). There are also 2-channel terminals for PHONO 1 and 2, AUX 1 and 2, and tape rec/play, plus a DIN rec/play terminals. The unit also provides a cartridge load selector with choice of 33 k $\Omega$ , 47 k $\Omega$  and 100k $\Omega$  positions. 5-3/8"H x 16-5/8"W x 15-3/8"D. 35.2 lbs.



**S.E.A.**

38W/CH RMS (1kHz), Frequency response: 10-50,000Hz



# 4VN-770

**100 Watt 4-Channel Integrated Amplifier with SFCS.**

This has to be one of the greatest values in stereo. For no more than you'd pay for some control amplifiers alone, JVC gives you the 4VN-770 three-in-one combination component to put you four-square in the middle of the exciting new development called 4-channel stereo. First of all, it includes a 100 watt 4-channel integrated amplifier to enable you to enjoy all future discrete 4-channel tapes, discs and FM stereo

broadcasts. Next, it features a built-in SFCS matrix system for EV, QS, SQ to decode all matrix 4-channel records. This system also enables you to convert all present 2-channel tapes, discs and FM stereo broadcasts into the exciting new format, so that you can immediately begin enjoying 4-channel music. And finally, it doubles as a 100 watt 2-channel stereo amplifier in conventional stereo usage through JVC's built-in BTL circuit. What's more, the 4VN-770's pre- and power amplifier sections are independently usable in all four channels, and the unit is complete with 4-channel input and tape record/playback terminals, plus 4-channel headphone jacks. 5-1/2"H x 16-1/2"W x 12"D. 21.4 lbs.



12.5W/CH RMS (1kHz), Frequency response: 18-40,000Hz



# VN-900

**220 Watt Solid State Stereo Integrated Amplifier with 7-Zone S.E.A. System.**

A top of the line model for the very discriminating and knowing audio enthusiast. Top performance specifications, complete set of inputs and outputs, and JVC's precise 7-zone

S.E.A. tone control system for complete control over sound at 40, 150, 400, 1,000, 2,400, 6,000 and 15,000Hz. Connects up to two pairs of speaker systems and has inputs for two phonographs and three auxiliary components. Both pink noise generator and automatic protection circuits are built-in. Power Bandwidth is from 20 to 20,000Hz, total harmonic distortion is 0.25%. Frequency response: 20 to 50,000Hz. Damping factor: 50 at 8  $\Omega$ . Separable pre-output and main input terminals. 5-3/8"H x 16-5/8"W x 12-1/2"D. 28 lbs.



**SEA** 60W/CH RMS (1kHz), Frequency response: 20-50,000Hz



# VN-700

**140 Watt Solid State Integrated Amplifier  
with S.E.A. System.**

Here's the purist's delight, a 140 watt unit with performance that puts it in a class by itself. In figures this means a THD

factor of 0.25%. Power Bandwidth from 25 to 20,000Hz. Frequency response: 20 to 50,000Hz. And a damping factor of 50 at 8Ω. To go with these impressive credentials, the VN-700 also incorporates the JVC S.E.A. tone control system. Connects up to two pairs of speaker systems, DIN type recorder, two phonographs, three auxiliary components. Separable pre-out and main-in terminals. 5-3/8"H x 16-5/8"W x 12-1/2"D. 22 lbs.



40W/CH RMS (1kHz), Frequency response: 20-50,000Hz



# VT-900

## FM Digital Stereo Tuner.

With front end components such as one junction type FET, plus a 4-gang tuning condenser, the VT-900 is able to offer usable sensitivity of  $1.7\mu\text{V}$  (IHF). Strictly a component for the enthusiast looking for real high-fidelity FM reception, this unit is equipped with FM only and multiplex high blend

circuits. It offers interstation muting and boasts an excellent 0.8dB capture ratio figure. Image and IF rejection figures are a hefty 90dB. For minimum distortion during tuning, the VT-900 is equipped with an FM zero center meter and provides for both  $75\Omega$  and  $300\Omega$  FM antenna terminals. And while being one of the most advanced FM components offered by anyone today, the VT-900 is also equipped with an FM Detector Output jack for 4-channel FM reception when such broadcasts are begun. 5-3/8"H x 16-5/8"W x 12-1/2"D. 19.5 lbs.



Usable sensitivity:  $1.7\mu\text{V}$  (IHF), Alt. channel selectivity (IHF): 70dB, Capture ratio (IHF): 0.8dB



# VT-700

## FM/AM Stereo Tuner.

This is the ideal running mate for JVC integrated amplifiers, but it's also suitable for inclusion in any first class stereo set-up. The dual-purpose VT-700 can provide exceptional 2-channel stereo reception right now, and — with the aid of a special adaptor — can offer 4-channel reception whenever

such broadcasting is begun, thanks to its FM detector output terminal. IC and FET-equipped, with a super sensitive FM front end, the VT-700 boasts such impressive performance figures as  $1.7\mu\text{V}$  usable IHF sensitivity, better than 70dB IHF selectivity, an IHF capture ratio of 0.8dB and stereo separation of better than 35dB at 1,000Hz. In 2-channel use today or in 4-channel use tomorrow, exceptional smoothness and fidelity characterize this high-performance JVC component. 5-1/2"H x 17"W x 12"D. 16.5 lbs.



Usable sensitivity:  $1.7\mu\text{V}$  (IHF), Alt. channel selectivity (IHF): 70dB, Capture ratio (IHF): 0.8dB



# SX-3

## Soft Dome, Wide-Directional Speaker System.

A true revolution in speaker design and construction, the SX-3 with soft dome speaker pulsates and emits a radial, wide-directional hemisphere of sound that makes it ideal for use in a 4-channel system. Uniquely constructed soft dome diaphragm delivers a wide dynamic range from 500 to 20,000Hz, includes barium ferrite magnet, air-tight glass fiber filled enclosure, and heat resistant voice coil. Edgeless cabinet prevents interference with high frequency sound by front edge reflection. Large free edge woofer uses KDU cone paper. Cabinet is constructed from walnut, white spruce (optional) for excellent damping qualities as well as luxurious appearance. Copper cap on center pole of the magnet reduces eddy currents, improves high frequency performance. Handles continuous power input of 50W (Peak). A supreme achievement in sound, with even the cabinet designed by audio engineers, not by cabinet makers. 20-1/2"H x 12-3/8"W x 11-7/16"D. 29.3 lbs.



Woofer: 10", Tweeter: 2" soft dome, Frequency response: 35-20,000Hz



# VS-5313

**Rich, Powerful Omni-Directional Speaker System.**

JVC's enthralling omni-directional system for stereo-everywhere sound. The most advanced such system ever produced, the VS-5313 incorporates four free edge woofers and four horn tweeters in its globular baffle which is encased in punched metal enclosure. This pulsating sphere reproduces sound with astonishing fullness and clarity. Wherever you place it in a room or wherever you sit in a room, the VS-5313 fills every corner with magnificent natural sound. Omni-directionally. A full 360 degrees. You're in the midst of the concert hall. Able to handle a prodigious 80 watts input, the VS-5313 features a wide 35 to 20,000Hz frequency range and an ideal 5,000Hz crossover point. Hung from the ceiling or mounted on floor stands, the stereo effect is the same. Dazzling. Diameter 13-1/2". 26.4 lbs.

Woofer: 5" x 4", Tweeter: 2" horn x 4, Frequency response: 35-20,000Hz



# VL-8

## 2-Speed Studio Turntable.

Here's today's top performing precision 2-channel turntable designed for tomorrow's world of 4-channel stereo. The key to its professional standard is its built-in brushless Servo motor, destined for a longer and more useful life. Wow and flutter is reduced to less than 0.05% (WRMS) in the VL-8, and its Signal-to-Noise ratio is better than 60dB. The unit's outer rotor motor provides for fine adjustment of revolution speed through a built-in stroboscope. Further qualifying this precision model for the future of 4-channel stereo is a universal tonearm that is statically balanced for stable tracking at light stylus pressure, plus an anti-skating device. All that's required to convert it to a discrete 4-channel stereo capability while retaining 2-channel compatibility is the JVC 4MD-20X 4-channel cartridge and the 4DD-5 demodulator. 7-1/2"H x 19-3/8"W x 16-1/4"D. 22 lbs.



Motor: DC brushless servo motor, Wow & flutter: 0.05% (WRMS)

# RD-1555

## 3-Motor 4-Head Auto Reverse Tape Deck.

Quiet, professional quality unit offers the advantages of the mechanically advanced 3-motor system, including independent 6-pole eddy current motors for reel drive and hysteresis synchronous motor for capstan drive. Auto reverse facility alters tape direction for both recording and playback automatically when sensing foil is utilized. "Repeat" feature offers continuous tape play. First-rate electronics include 3-stage direct coupled emitter follower for distortion-free signals, outstanding tape heads with wide dynamic range, bias selector that permits the use of new low noise tapes, and sound-on-sound recording facility. All controls are the light, feather-touch solenoid type. Easy to use and conveniently located on the elegantly styled front panel. RD-1555 also includes easy tape loading, with a pinch roller built to retract when tape is not running. For full music enjoyment, unit offers outstanding performance specifications, with frequency response of 40-18,000Hz ( $\pm 3$ dB), signal-to-noise ratio of 52dB and low wow and flutter of 0.12% RMS at 7-1/2 ips. Handsomely styled. 12 transistors and 18 diodes. 17"H x 16"W x 8-1/4"D. 34.1 lbs.



Frequency response: 40—18,000Hz ( $\pm 3$ dB), Wow & flutter: 0.12% (RMS)



# RD-1553

## 3-Motor 3-Head Stereo Tape Deck with Adjustable Bias.

The professionalism of the recording studio deck is now yours with this top-of-the-line model from JVC. No effort was spared to make the RD-1553 the taping enthusiast's dream. Three precision motors, three heads of diamond-hard ferrite, solenoid pushbutton circuitry, regular and low noise tape capability with built-in bias adjustor, built-in peak level indicator and Sound-on-Sound Echo device are all a part of this deluxe model. But the RD-1553 is more than advanced features. Frequency response from 20 to 24,000Hz ( $\pm 3$ dB). Signal-to-Noise ratio of 53dB. Crosstalk of 70dB. And wow and flutter of 0.1% RMS. In every way that counts, the RD-1553 is the enthusiast's tape deck, right down to its Easy Loading system and tape and source monitoring system. It can also connect a remote control unit (The JVC R-1010). 17-3/4"H x 16-1/2"W x 8-1/2"D. 33 lbs.



Frequency response: 20–24,000Hz ( $\pm 3$ dB), Wow & flutter: 0.1% (RMS)



# RD-1552

**3-Motor 3-Head Professional Quality Stereo Tape Deck.**

This deluxe 2-speed model triples the quality of performance through the use of three motors, assuring you of smoother operation and more sensitive sound reproduction. The RD-1552 takes you a step further into space age electronics with an solenoid system of pushbutton controls that guarantee you fast, responsive operation. The result of JVC's effort to enrich the quality of the open reel deck, the RD-1552 gives you 20 to 24,000Hz ( $\pm 3$ dB) in frequency response with wow and flutter reduced to less than 0.1% RMS. Advanced sound-on-sound recording technique is made more professional than ever with the unit's built-in tape and source monitor capability. Tape protection is guaranteed by an automatic stop circuit that is activated when the tape is finished or in case of breakage, and a built-in Easy Loading system makes tape loading easier than ever. 17-3/4"H x 16-1/2"W x 8-1/2"D. 33 lbs.

Frequency response: 20-24,000Hz ( $\pm 3$ dB), Wow & flutter: 0.1% (RMS)



# 4RD-1401

Professional 4-Channel 3-Head Stereo Tape Deck.

A new 4-channel deck that offers realistic sound never obtainable from conventional 2-channel stereo. Tied-in with any 4-channel stereo system, you feel like you're actually attending a live performance in a large concert hall. Separate recording, playback and erase heads of the highest quality. Wide 30 to 20,000Hz ( $\pm 3$ dB) frequency response range. Complete with an Automatic Stop feature that restores all mechanisms to the 'stop' condition when the tape ends. Retracting pinch roller for easy tape threading. Low-noise tape/normal tape selector switch. 8 IC's, 20 transistors, 6 diodes, 1 Zener diode. 17-5/8"H x 16"W x 7-1/4"D. 26.4 lbs.



Frequency response: 30-20,000Hz ( $\pm 3$ dB), Wow & flutter: 0.10% (RMS)

# CD-1669

**Stereo Cassette Tape Deck with Exclusive Automatic Noise Reduction System.**



Probably the finest cassette deck ever made, the CD-1669 offers a complete range of solid professional features for superb noise- and hiss-free tonal quality that put it in a class by itself. The unit has JVC's exclusive ANRS (Automatic Noise Reduction System) that reduces noise by 5dB at 1kHz and 10dB at 10kHz while maintaining a 30-16,000Hz ( $\pm 3$ dB) frequency response range. For supreme versatility, the ANRS is automatically activated both in recording and playback modes if the cassette is sealed with standard sensing foil near its tap hole(s). The CD-1669 uses long life Super Cronios ferrite heads, 100 times as strong as regular permalloy heads. It has a tape select switch so you can change the equalizer and use either regular, low noise or chrome tape. For flawless performance at all times, the unit features both a hysteresis synchronous motor for capstan drive and a DC motor for reel drive. An independent drive mechanism helps to cut wow and flutter to 0.13% RMS and increase the S/N ratio to 50dB without ANRS. Controls are the feather-light, solenoid-operated type, while recording and playback levels for left and right channels are adjustable to different sliding click positions. A remote control unit (supplied as standard accessory) can be connected to control the unit from a distance. Other features of this top performer are auto release for automatic tape stop, auto play and stop with memory counter, a peak level indicator to prevent over-recording, and a Mic-DIN/Line input selector for better recordings. The deck to own if you're convinced cassette sound is the equal to — or better than — reel-to-reel. 5-9/16"H x 16-1/2"W x 12-1/16"D. 21 lbs.

 **ANRS** Frequency response: 30-16,000Hz ( $\pm 3$ dB), Wow & flutter: 0.12% (RMS)



# 4RD-1401

Professional 4-Channel 3-Head Stereo Tape Deck.

A new 4-channel deck that offers realistic sound never obtainable from conventional 2-channel stereo. Tied-in with any 4-channel stereo system, you feel like you're actually attending a live performance in a large concert hall. Separate recording, playback and erase heads of the highest quality. Wide 30 to 20,000Hz ( $\pm 3$ dB) frequency response range. Complete with an Automatic Stop feature that restores all mechanisms to the 'stop' condition when the tape ends. Retracting pinch roller for easy tape threading. Low-noise tape/normal tape selector switch. 8 IC's, 20 transistors, 6 diodes, 1 Zener diode. 17-5/8"H x 16"W x 7-1/4"D. 26.4 lbs.



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 **ANRS** Frequency response: 30–16,000Hz ( $\pm 3$ dB), Wow & flutter: 0.12% (RMS)



# CD-1668

## Deluxe Stereo Cassette Deck with ANRS.

Here's the deck with everything. In performance, features and tonal quality, it is as up-to-date as man's knowledge of electronics. Combining to help put it in a class by itself are features such as built-in Automatic Noise Reduction System (ANRS), a tape selector switch that permits choosing between standard, low noise and Chromium-dioxide tapes, precision hysteresis synchronous motor and diamond hard ferrite heads. Together they permit the CD-1668 to achieve 30 to 16,000Hz ( $\pm 3\text{dB}$ ) in frequency response, an S/N ratio of 50dB and a miniscule wow and flutter figure of 0.13% RMS. For convenience, it introduces a 3-digit tape counter with a memory counter that automatically stops the tape at the "000" position in the rewind mode. It also offers precision sliding controls for each channel, large VU meters, automatic cassette pop-up system and pushbutton function controls including an extra large one for responsive stops. 6 ICs, 23 transistors and 16 diodes. 5-1/2"H x 16-15/16"W x 14-15/16"D. 12.8 lbs.



 **ANRS** Frequency response: 30–16,000Hz ( $\pm 3\text{dB}$ ), Wow & flutter: 0.13% (RMS)

FOUR-CHANNEL  
STEREO



## The Company with the Most in 4-Channel

The immense success and potential of the CD-4 (Compatible Discrete 4-Channel System) has elevated JVC to the top ranks of all 4-channel manufacturers. To capitalize on this reputation, the company now makes a full range of CD-4 system hardware to reproduce the world's only authentic 4-channel disc. This page and the following pages sum up the best sellers in the JVC 4-channel line:

### CD-4 Demodulator (Discrete 4-Channel System)

To play CD-4 (Compatible Discrete 4-Channel System) records requires a CD-4 Demodulator, built by JVC. The new 4VR-5456, 5446, 5436 and 5406 receivers have this Demodulator built-in, offering an exclusive bonus.

### Matrix System for EV, QS, SQ

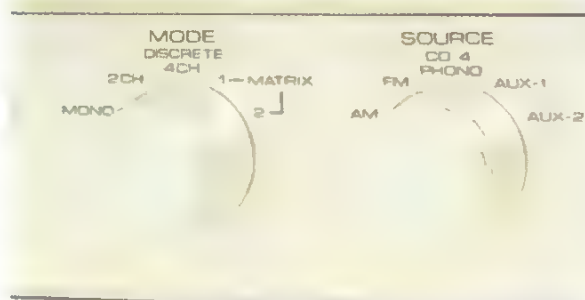
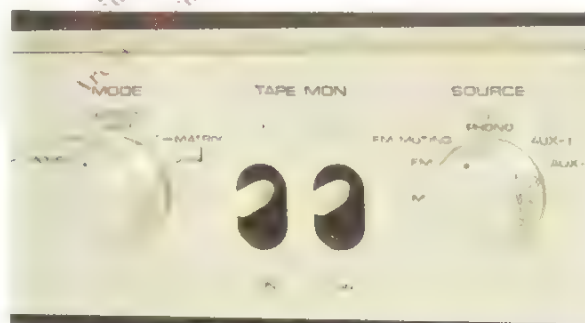
JVC's 4-channel receivers and amplifiers incorporate matrix decoder circuits which recover the full 4-channel effect from EV, QS, SQ and other matrix encoded programs. These circuits also give you realistic 4-channel sound from regular 2-channel stereo records.

## BTL Circuitry

Another major breakthrough in solid state circuitry, and another major reason why JVC 4-channel equipment leads the field. Balanced Transformer-Less (BTL) circuitry adds a double power output capability to all 4-channel receivers when the receiver is utilized for 2-channel operation.

## PPC

How do you balance the sound of all four speakers in a 4-channel system? With Pin Point Control (PPC) from JVC, a built-in feature of many of the JVC 4-channel components.

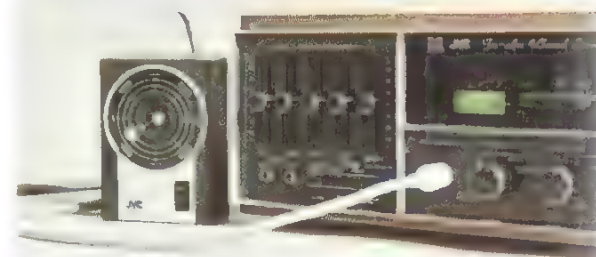
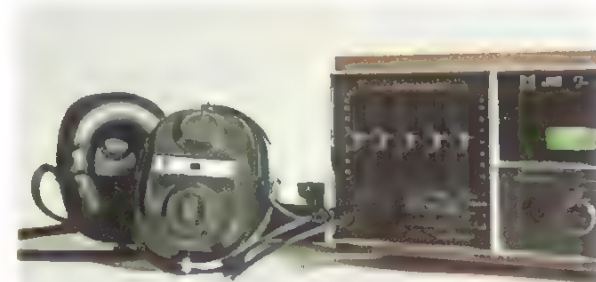


## Remote Control

Another sophisticated feature for 4-channel operating convenience. The Model 5911 Remote Controller provides overall volume adjustment of the four speakers from a distance, as well as one-control balancing of Pin Point Control.

### JVC's Long-Life SHIBATA Stylus

This remarkable stylus guarantees frequency characteristics up to one-and-a-half times greater than other styli, and is thus perfect and recommended for playing 4-channel CD-4 discs as well as conventional discs.



# 4VR-5456

260 Watt FM/AM 4-Channel Stereo Receiver  
with built-in CD-4 Demodulator.

This is 4-channel's most complete receiver in the world with built-in CD-4 (Compatible Discrete 4-Channel System) Demodulator plus exclusive S.E.A. (Sound Effect Amplifier) and Matrix system 1 and 2, the 4VR-5456 plays every 4-channel source now on the market — matrixed 4-channel like EV, QS, SQ and discrete 4-channel like the RCA QUADRADISC and CD-4 records, and more, and converts 2-channel sound into exciting 4-channel. A second S.E.A. system controls the tonal qualities of each pair of rear speakers. Versatility is the

keynote of this handsome unit, too, for it can handle up to eight different speakers, two 4-channel tape decks and other components. Balanced Transformer-Less (BTL) connections help double the power to your speakers when the unit is used for 2-channel operation. Equipped with pure complementary Output Capacitor-Less power amplifier, the unit delivers distortion-free amplification over a broad frequency range. It also features an audio muting switch, automatic protection circuit (U.S. Patent No. 3691427) to protect speakers and transistors from sudden current surges, and sensitive FM tuner with double tuning meters. Offering 152 watts of continuous power at 4 ohms, or 260 watts of total dynamic power (IHF) at 4 ohms, the receiver has an extremely wide power bandwidth (20Hz—30kHz) for superb tonal quality. 7-1/8"H x 20"W x 15-7/8"D. 44 lbs.



**SEA**

38W/CH RMS (1kHz), Frequency response: 15—50,000Hz, FM Usable sensitivity: 1.8 $\mu$ V (IHF)



# 4VR-5446

**170 Watt FM/AM 4-Channel Stereo Receiver  
with built-in CD-4 Demodulator.**

Another classic example of JVC's 4-channel versatility and capability, the 4VR-5446 decodes the new JVC CD-4/RCA QUADRADISC 4-channel record with built-in CD-4 (Compatible Discrete 4-Channel System) Demodulator, and plays all matrix 4-channel records with the built-in matrix system for EV, QS, SQ. The latter also converts conventional 2-channel sound into thrilling 4-channel. For even greater sound appeal, the unit features JVC's S.E.A. (Sound Effect Amplifier) so that you can independently control the

response of each of five parts of the audio spectrum. Other amplifier features for superb sound reproduction include pure complementary Output Capacitor-Less power amplifier, and new protection circuit (U.S. Patent No. 3691427) to protect speakers and expensive transistors from sudden current surges. Equally significant, the FM tuner section of the 4VR-5446 offers impressive features like twin tuning meters, high sensitivity and selectivity figures, and ICs throughout the IF and MPX sections for increased reliability. The tuner is also prepared for the introduction of 4-channel FM broadcasts, equipped as it is with an FM DET (Detector) output. The receiver is tops in versatility, capable of handling up to eight speakers and two tape decks. It is complete with a handsome walnut cabinet. 6-3/8"H x 20"W x 15-3/8"D. 34.8 lbs.



**SEA**

26W/CH RMS (1kHz), Frequency response: 10-30,000Hz, FM Usable sensitivity: 2.0 $\mu$ V (IHF)

# 4VR-5436

140 Watt FM/AM 4-Channel Stereo Receiver  
with built-in CD-4 Demodulator.

Nearly as complete as the more expensive 4VR-5456 and 5446 receivers, the 4VR-5436 offers total 4-channel demodulating decoding capability. Its built-in CD-4 Demodulator lets you play all CD-4 discrete records. And then, a second decoder circuit built-in to this advanced receiver decodes matrix 4-channel records, like EV, QS or SQ. Finally, this has a circuitry which converts 2-channel records into stirring 4-channel sound, rounding out the full range of music

capability that makes this receiver one of the great 4-channel values of the year. But for features, the 4VR-5436 doesn't stop there. It, too, has JVC's unique S.E.A. (Sound Effect Amplifier) tone control system. And it, too, is way out front in versatility, handling up to 4 different speakers (and if you're playing just two of them you can double the normal power with the Balanced Transformer-Less (BTL) connections), a 4-channel tape deck, and other source components besides. Offering FM usable sensitivity of  $2.0\mu\text{V}$  and continuous power of 72 watts into 4 ohms, the unit is recommended for all medium-power installations. It will take the optional Remote Balance Control and is finished in handsome walnut. 6-3/8"H x 20"W x 15-3/8"D. 31.5 lbs.



**SEA**

18W/CH RMS (1kHz), Frequency response: 20–30,000Hz, FM Usable sensitivity:  $2.0\mu\text{V}$  (IHF)



# 4VR-5445

200 Watt FM/AM 4-Channel Stereo Receiver  
with S.E.A., SFCS.

Now, one of the world's best discrete 4-channel stereo receivers, the JVC 4VR-5445, is ready for your living room. Incorporating a 4-channel preamplifier, a 4-channel power amplifier, JVC's unique SFCS matrix system for EV, QS, SQ, advanced front and rear 4-channel S.E.A. tone control systems and sensitive FM and AM tuners, the 200 watt

4VR-5445 receiver is years ahead of its time in every respect. JVC's BTL circuit enables the unit to deliver a full 69 watts per channel in 2-channel usage at 8Ω. The SFCS element means you can continue to enjoy your 2-channel program sources in the new 4-channel program sources as they become available. Rich in IC and FET circuitry, and complete with just about every type of accessory circuit imaginable, the 4VR-5445 offers a wide 20 to 30,000Hz power bandwidth and limits distortion of any kind to a mere 0.8% or less. Complete with walnut cabinetry. 5-7/8"H x 22-7/8"W x 14"D. 33.0 lbs.



S.E.A.

23W/CH RMS (1kHz), Frequency response: 15-50,000Hz, FM Usable sensitivity: 2.0μV (IHF)

# 4VR-5414

120 Watt FM/AM 4-Channel Stereo Receiver  
with S.E.A., SFCS.

JVC's BTL circuit enables this unit to deliver a full 65 watts per channel in 2-channel usage at 8Ω. The unit also incorporates JVC's SFCS matrix system for EV, QS, SQ for playing all matrix 4-channel records and for conversion of 2-channel sources to 4-channel sound. There is also an FM Detector Output terminal which permits future 4-channel FM

reception. Provisions have been made for accommodating both 2- and 4-channel components, including connection jacks for a CD-4 demodulator and a 4-channel remote control unit. Visual indication of 2- or 4-channel modes is, of course, given on the front panel. Complete control over front channel sound is assured by the unit's built-in S.E.A. system. And to round out this great receiver, top FM reception capabilities have been built into it with such features such as an FET-equipped front end, an IC and 3-mechanical filter IF stage, FM linear dial scale, "Bull's eye" tuning dial and FM stereo radar circuit. 5-7/8"H x 19-3/8"W x 14-3/8"D. 27.8 lbs.



20W/CH RMS (1kHz), Frequency response: 15-50,000Hz, FM Usable sensitivity: 2.0μV (IHF)



# 4VR-5406

**40 Watt FM/AM 4-Channel Stereo Receiver  
with built-in CD-4 Demodulator.**

Another of the fine JVC value-oriented medium-powered 4-channel receivers, the 4VR-5406 offers unusual 4-channel capability. The built-in JVC CD-4 Demodulator reproduces the CD-4 discrete 4-channel disc. JVC's matrix system 1 & 2 decodes all matrix records including EV, QS and SQ, while also converting all 2-channel tapes and records into 4-channel sound. And as a special feature the unit is equipped with a

CD-4 radar that glows orange when the demodulator section is reproducing a CD-4 record, and for complete tonal balance of your four speakers it offers PPC (Pin Point Control), another important and exclusive JVC feature. There is also a complete system of input jacks and front-panel controls so that a variety of 2-channel and 4-channel components such as a tape deck may be connected. There is even a speaker selector switch to choose a second pair of speakers. Expensive, long-life solid state circuitry is another highlight of this receiver, with the IF stage of the FM tuner containing a 4-element mechanical filter to deliver FM sensitivity of  $2.2\mu\text{V}$ , capture ratio of 2.5dB and stereo separation of 33dB. Handsomely styled. 5-5/8"H x 19"W x 13-5/8"D. 18.7 lbs.



5.5W/CH RMS (1kHz), Frequency response: 40–30,000Hz, FM Usable sensitivity:  $2.2\mu\text{V}$  (IHF)

# 4VR-5404

**40W FM/AM 4-Channel Stereo Receiver with Regular Matrix System.**

A receiver for 4-channel usage that includes connections for the CD-4 Demodulator, has JVC's regular matrix system for EV, QS, SQ to play all matrix 4-channel records and also convert 2-channel sound into 4-channel. Priced to meet the budget of the beginner in stereo, it provides the same versatile array of inputs and controls as the 4VR-5406 upon which to

build a system of stereo components. For total 4-channel speaker balance the unit comes with PPC (Pin Point Control) that actually moves the direction of speaker sound. There are connections for a 4-channel tape deck and 4-channel headphones, and the receiver also takes the Remote Balance Control (optional) that permits speaker balance and volume control from your listening position. FM tuner section is also first-rate, with 4-element mechanical filter in the front end IF stage, capture ratio of 2dB and stereo separation of 33dB. Another quality JVC value in 4-channel sound. 5-5/8"H x 19"W x 13-5/8"D. Weight 18.7 lbs.



5.5W/CH RMS (1kHz), Frequency response: 40–30,000Hz, FM Usable sensitivity: 2.2 $\mu$ V (IHF)



# VN-5101

**100 Watt 4-Channel Stereo Add-on Amplifier  
with S.E.A., SFCS.**

This is JVC's great new "add-on" component that lets you instantly upgrade your present 2-channel stereo system to enriched 4-channel status. Thanks to its unique SFCS matrix system for EV, QS, SQ, it is able to decode all matrix 4-channel records, and also transform everyday 2-channel records, tapes and FM stereo broadcasts to exciting 4-channel

sound. Simply add the VN-5101 (and a second set of speaker systems, of course) to your present setup and you're completely upgraded. Equipped with its own volume control and a 4-channel master volume control, the VN-5101 also features JVC's unique S.E.A. (Sound Effect Amplifier) tone control system. Other noteworthy features include a power output of up to 50 watts per channel and a complete system of 4-channel input, output and speaker terminals. The VN-5101 can also connect a remote control unit (See JVC 5911) for controlling the 4-channel master volume control and balancing the sound among the four channels. 5-7/8"H x 10-5/16"W x 14"D. 15.4 lbs.



24W/CH RMS (1kHz), Frequency response: 20-50,000Hz

# 4DD-5

**CD-4 Disc Demodulator for Discrete 4-Channel Records.**

This unusual component hooks up directly to your stereo receiver or amplifier to demodulate all CD-4 records. It is the essential component for playing CD-4 records, conveying as it does to your speakers the four separate recorded signals

picked up by your phono cartridge. Complete new circuitry (including 6 ICs, 27 transistors, 6 FETs and 23 diodes) make this one of the most advanced components ever offered the 4-channel enthusiast. Its signal-to-noise ratio is exceptional — 60dB — and its frequency response a wide 20 to 16,000Hz. Moreover, the 4DD-5 includes a 4-Channel “radar” indicator that glows visually to indicate the playing of a CD-4 record. Real 4-channel sounds begins with this Demodulator — and only JVC makes one as complete as this. Compact, beautifully finished. 3-3/8”H x 6-7/8”W x 12-3/4”D. 5 lbs.



Rated output level: 300mV, Frequency response: 20–16,000Hz



# 4VC-5244

**Combined 4-Channel Automatic Record Changer  
with built-in CD-4 Demodulator.**

The easy way to total CD-4 4-Channel capability is with this unique component that combines the precision of a fine automatic record changer with the exclusive CD-4 Demodulator to play all CD-4 records. All you do is connect your present 4-channel equipment into the 4VC-5244 — and you're ready for the ultimate in 4-channel sound realism. Actually this unit is four different components in one, for, in addition to the Demodulator and record changer, it also includes a quality 4-channel cartridge along with SHIBATA stylus, the one that's recommended for 4-channel usage. There's even a CD-4 4-channel "radar" indicator light that glows to alert you to the fact that a CD-4 record is playing — and shuts off when it's not. The record changer is a distinguished machine, with heavy turntable platter, sure-track tubular tone arm and wood base. It takes up to six records at one time, plays both 33-1/3 and 45 rpm records. Its motor is the quiet 4-pole induction type outer rotor motor for precision and extremely low wow and flutter. The man who thinks changing to 4-channel is an expensive proposition ought to have a look at this kind of versatile component. 7-3/4"H x 16-3/8"W x 15"D. 18 lbs.



Motor: 4-pole induction type outer rotor motor, Wow & flutter: 0.1% (WRMS)

# STEREO RECEIVERS



## Add-on Amplifier

<b>MODEL</b>	<b>VN-5101</b>
<b>(CATEGORY)</b>	<b>(FOUR CHANNEL)</b>
<b>Total dynamic power</b>	100W (50Wx2) 40 IHF 68W (34Wx2) 80 IHF
<b>RMS continuous power</b>	
Both channel driven	48W (24Wx2) 40
(1kHz)	44W (22Wx2) 80
<b>THD</b>	0.5%
<b>FM detector</b>	
<b>Power bandwidth</b>	30-30,000Hz IHF
<b>Frequency response</b>	20-20,000Hz ±1dB
<b>S/N ratio</b>	14dB (40dB AUX 70dB)
<b>Input sensitivity</b>	AUX 70mV, TAPE MON. 70mV
<b>S.E.A. center frequency</b>	40Hz, 250Hz, 1kHz, 5kHz, 15kHz
<b>S.E.A. control range</b>	±12dB
<b>Power source</b>	AC 120V, 50-60Hz
<b>Dimensions</b>	5½"Hx10½"Wx14"D
<b>Weight</b>	15.4 lbs.

## Reverberation Amplifier

<b>MODEL</b>	<b>ECA-102</b>
<b>(CATEGORY)</b>	<b>(ACCESSORIES)</b>
<b>Reverberation system</b>	Double pickup system
<b>Frequency response</b>	20Hz-40kHz (±2dB at rev. time min.) 20Hz-40kHz (±20dB at rev. time max.)
<b>S/N ratio</b>	70dB at 1kHz, 0.775V output
<b>Harmonic distortion</b>	Less than 0.2% at 1kHz, 0.775V output
<b>Reverberation time</b>	0-3 sec. variable
<b>Delay time</b>	25 ±5m/second
<b>Input jack</b>	Input, Tape monitor A, B & Microphone.
<b>Output jack</b>	Front output, Rear output & Tape rec. A, B.
<b>Power consumption</b>	5W
<b>Power source</b>	AC 120V, 50-60Hz
<b>Dimensions</b>	5½"Hx9½"Wx13½"D
<b>Weight</b>	16 lbs.

## Compact Stereo

<b>MODEL</b>	<b>MF-4451</b>
<b>(CATEGORY)</b>	<b>(COMPACT STEREO)</b>
<b>Receiver</b>	
Frequency range	FM 90-107.9MHz AM 540-1600kHz
Peak music power	80W (40Wx2) 40 40W (20Wx2) 80
Control range	±12dB (20dB 40)
Power source	AC 120V 50-60Hz
Auto shut-off switch	Yes
Stereo indicator	Yes
Charger	Automatic charger 110V-240V
Batteries	110
Outputs	Dual end
Speakers	8" woofer for 2" cone tweeter
Dimensions	8½"Hx11½"Wx17½"D
Weight	26.4 lbs.

## Turntable with Built in CD 4 Demodulator

<b>MODEL</b>	<b>4VC-5244</b>
<b>(CATEGORY)</b>	<b>(FOUR CHANNEL)</b>
<b>Output level</b>	300mV
<b>Output impedance</b>	
<b>Frequency response</b>	20-15,000Hz ±1dB (20-20,000Hz)
<b>Dimensions</b>	7½"Hx16½"Wx15½"D
<b>CHANGER SECTION</b>	
Motor	4 pole induction type motor
Speeds	33 & 45 rpm
Capacity	Up to 5 records
Wow & flutter	0.02% WRMS
<b>CARTRIDGE SECTION</b>	
Output voltage	5mV (10mV 40)
Frequency response	15-30,000Hz at 1kHz
Separation	20dB (20-20,000Hz)
Stylus	Better than 25dB at 1kHz SHIBATA Diamond 4DT-35X

## Sound Effect Tone Control System

<b>MODEL</b>	<b>SEA-10</b>
<b>(CATEGORY)</b>	<b>(AC ACCESSORIES)</b>
<b>S.E.A. Center frequencies</b>	40Hz, 250Hz, 1k, 5, 10, 15kHz
<b>Control range</b>	±12dB
<b>Frequency response</b>	20-30,000Hz
<b>Output</b>	1V
<b>THD at 1V output</b>	Less than 0.1%
<b>S/N ratio</b>	70dB
<b>Input impedance</b>	150KΩ
<b>Output impedance</b>	1KΩ
<b>Power source</b>	120V 50-60Hz
<b>Power consumption</b>	2W
<b>Dimensions</b>	5½"Hx7½"Wx10"D
<b>Weight</b>	5.7 lbs

## Receivers 2

MODEL	4VR-5445	4VR-5414	4VR-5406	4VR-5404	VR-5551
<b>AUDIO SECTION</b>					
Power output (watts)	40W (4x14.1)	15W (4x3.8)	15W (4x3.8)	15W (4x3.8)	21W (4x5.3)
FM sensitivity (microvolts)	1.0 (4x1.4)	8.0 (4x2.1)	2.0 (4x1.4)	2.0 (4x1.4)	1.0 (4x2.1)
Load impedance	4-16 $\Omega$	4-16 $\Omega$	4-16 $\Omega$	4-16 $\Omega$	4-16 $\Omega$
THD at rated power (1kHz)	Less than 0.5%	Less than 0.5%	Less than 1.0%	Less than 1.0%	0.5%
THD distortion at rated power	Less than 0.8%	Less than 0.8%	Less than 1.0%	Less than 1.0%	0.8%
Frequency response ( $\pm 1$ dB)	15-50,000Hz	15-50,000Hz	40-30,000Hz	40-30,000Hz	10-60,000Hz
S.F.A. (dB) (1000Hz)	40 (4x12)	40 (4x12)	40 (4x12)	40 (4x12)	40 (4x12)
S.F.A. control range	$\pm 12$ dB	$\pm 12$ dB	-	-	$\pm 12$ dB
<b>FM TUNER SECTION</b>					
Playable sensitivity (IHF)	2.0 $\mu$ V	2.0 $\mu$ V	2.2 $\mu$ V	2.2 $\mu$ V	1.6 $\mu$ V
IF response (dB)	60dB	60dB	60dB	60dB	60dB
Channel separation (dB)	20dB	20dB	20dB	20dB	20dB
<b>STEREO SECTION</b>					
Playable sensitivity (IHF)	4.0 $\mu$ V	4.0 $\mu$ V	4.0 $\mu$ V	4.0 $\mu$ V	4.0 $\mu$ V
Channel separation (dB)	20dB	20dB	20dB	20dB	20dB
<b>POWER SOURCE</b>					
Dimensions (WxHxD)	6.9x19.7x14.0	6.9x19.7x14.0	5.9x19.7x13.0	5.9x19.7x13.0	5.9x19.7x14.0
Weight	22.0 lbs	22.0 lbs	19.8 lbs	19.8 lbs	20.0 lbs

## ANRS Noise Reduction Unit

MODEL	NR 10.20
Frequency response	20Hz-20kHz $\pm 2$ dB
SN ratio	60dB (1000Hz, 1000Hz, 1000Hz, 1000Hz)
Channel separation (dB)	20dB (1000Hz, 1000Hz, 1000Hz, 1000Hz)
OSC frequency	400Hz
Input (Aux. in)	from Rec. Out. of Amp. 0.8V 90k $\Omega$
Output (Line out)	from Line out of Amp. 0.2V 20k $\Omega$
Power source	AC 120V 60Hz
Weight	8.2 lbs

## Receiver with Cassette Recorder

MODEL	9470
<b>RECEIVER SECTION</b>	
Power output (watts)	40W (4x10.0)
FM sensitivity (microvolts)	1.0 (4x1.4)
THD at rated power (1kHz)	0.5%
Frequency response ( $\pm 1$ dB)	20-20,000Hz
S.F.A. (dB) (1000Hz)	70dB
S.F.A. control range	40dB
<b>CASSETTE SECTION</b>	
Playable sensitivity (IHF)	4.0 $\mu$ V
Channel separation (dB)	40dB
SN ratio	50dB w DNL
Power source	AC 120V 50-60Hz
Dimensions (WxHxD)	6.9x19.7x14.0
Weight	19.8 lbs



## Speaker Systems

MODEL	SX-3	VS-5313	VS-5352	VS-5342	VS-5333	VS-5323	VS-5399	VS-5397
(CATEGORY)	(LAB SERIES)	(LAB SERIES)	(SPEAKERS)	(SPEAKERS)	(SPEAKERS)	(SPEAKERS)	(SPEAKERS)	(SPEAKERS)
Type	2 way	2 way	4 way	4 way	3 way	2 way	2 way	2 way
	2 speakers	8 speakers	5 speakers	4 speakers	4 speakers	3 speakers	4 speakers	2 speakers
	Hermetically sealed	Acoustic suspension	Acoustic suspension	Acoustic suspension	Acoustic suspension	Acoustic suspension	Bass reflex	Acoustic suspension
Woofer								
Diameter	10"	8 1/4"	15"	12"	12"	1"	4 1/4"x2"	8"
Resonance	60Hz	70Hz	45Hz	60Hz	40Hz	60Hz	60Hz	60Hz
Mid-range								
Diameter	—	—	6 1/2" cone	—	—	—	—	—
Type	—	—	Cellular horn	Cellular horn	Cone	Cone	—	—
Diameter	2"	2"x4"	2"x2"	3 1/2" cone	—	—	2"x2"	2 1/2" cone
Frequency range	300-20,000Hz	30-20,000Hz	200-10,000Hz	200-20,000Hz	300-20,000Hz	400-10,000Hz	500-10,000Hz	400-20,000Hz
Power handling capacity Peak	50W	80W	100W	80W	200W	50W	20W	40W
(RMS)	20W	40W	50W	40W	100W	20W	10W	20W
Minimum required power	20W rms per channel	20W rms per channel	20W rms per channel	15W rms per channel	15W rms per channel	10W rms per channel	10W rms per channel	8W rms per channel
Efficiency								
(1W/1m)	94dB/W	94dB/W	102dB/W	100dB/W	100dB/W	90dB/W	94dB/W	90dB/W
Crossover frequency	2000Hz	5000Hz	400Hz	1500Hz	1000Hz	2000Hz	6000Hz	4000Hz
Frequency			1,000Hz 5,000Hz	7,000Hz 10,000Hz	5,000Hz	7,000Hz		
Finish	Walnut	Metal	Walnut	Walnut	Walnut	Walnut	Walnut	Walnut
Dimensions	20 1/2"H x 12 1/8"W x 11 1/4"D	13 1/2" Diameter Spherical	29 1/8"H x 17 1/8"W x 15 1/8"D	28 1/8"H x 16 1/2"W x 15 1/8"D	25 1/2"H x 15"W x 12 1/8"D	21 1/8"H x 12 1/8"W x 11 1/8"D	27 1/2"H x 7 1/8"W x 7 1/8"D	18 1/2"H x 10 1/8"W x 9 1/8"D
Weight	29.3 lbs	26.4 lbs	57.5 lbs	50.6 lbs	35.2 lbs	17.6 lbs	13.5 lbs	10.2 lbs

# VR-5535

FM/AM Stereo Receiver with S.E.A.  
and 4-Channel "Ready" Status.

Brilliant versatility and advanced performance distinguish the VR-5535 4-channel "ready" receiver. The sensitive FM front end has a field effect transistor and 3-gang tuning capacitor, while the FM IF amplifier uses three dual-resonator mechanical filters. There's an FM muting circuit, plus signal strength and center-of-channel meters for distortion-free stereo reception. You'll control sound the way you want to hear it with 5-control, patented S.E.A. tone control system. And obtain

super stereo versatility from the use of the unit's S.E.A. recording switch, its unique dubbing jack and microphone mixing feature that lets you mix your microphone with the sound from turntable, tape deck or FM broadcast. The VR-5535 power amplifier has an advanced all-stage direct-coupled OCL pure complementary design and delivers up to 28 watts of clean power per channel by the new FTC standard, or 34 watts of RMS continuous power per channel into 8 ohms. There's more, too, including an automatic protector circuit to protect your power transistors and speakers from short-circuit, an FM detector output jack that will let you use the unit for receiving discrete 4-channel FM broadcasts, and even a switch to separate the pre- and power amplifiers. 6-1/8"H x 18-5/8"W x 12-3/4"D. 24.2 lbs.



**S.E.A.** 45W/CH RMS (1kHz), Frequency response: 10-50,000Hz, FM Usable sensitivity: 2.0 µV (IHF)



# VR-5525

FM/AM Stereo Receiver with S.E.A. and 4-Channel  
"Ready" Status.

The value-oriented stereo buff will find a whole new world of refinements in this JVC unit: power, versatility and innovation. Its 4-channel "ready" status means you can hook up an adaptor when discrete 4-channel FM broadcasts become a reality. There's power to spare—18 watts per channel when

measured by the FTC standard. And sensitive FM tuning, thanks to an FET, 3-gang tuning capacitor, two dual-resonator mechanical filters and a pair of ICs, signal strength meter and center-of-channel meter. For the kind of tonal control that you can only get from JVC, there's an exclusive S.E.A. tone control system with five different controls. And microphone mixing that lets you mix the mic with sound from your turntable, tape deck or FM broadcasts. The VR-5525 is versatile, connects two pairs of speakers, and even lets you use the pre- and power amplifiers separately. 6-1/8"H x 18-5/8"W x 12-3/4"D. 22.0 lbs.



28W/CH RMS (1kHz), Frequency response: 10–50,000Hz, FM Usable sensitivity: 2.2 $\mu$ V (IHF)

# VR-5515

FM/AM Stereo Receiver with 4-Channel "Ready" Status.

The most practical way to move to 4-channel status on a budget is to build a stereo system around the VR-5515. Offering value and top performance, this unit is 4-channel "ready," meaning you can add an adaptor for the day when discrete 4-channel FM broadcasts arrive. But even if you don't have 4-channel in mind right now, the VR-5515 is a beauty of

a receiver. Offering up to 15 watts per channel of FTC power, sensitive FM tuning, advanced circuitry that includes a 3-gang tuning capacitor, two dual-resonator mechanical filters, signal strength meter and center-of-channel meter, the unit is a one-of-a-kind in its price range. Not to mention advanced bass and treble tone controls, with a two-stage direct-coupled, negative-feedback amplifier of exceptional stability and reliability. Other features include a switch to separate the pre- and power amplifiers, microphone mixing, and complete system of controls. One of new biggest stereo values. 6-1/8"H x 17-3/4" x 12-3/4"D. 21.0 lbs.



25W/CH RMS (1kHz), Frequency response: 15–50,000Hz, FM Usable sensitivity: 2.2µV (IHF)



# VR-5551

240 Watt FM/AM Stereo Receiver with Advanced S.E.A.

This is one of the best in the line of JVC's new series of stereo receivers. Powered at a big 240 watts, it is ready to bring you 4-channel stereo in 3 ways — by coupling it with a 4-channel adaptor for the 4-channel FM broadcasts; discrete 4-channel

tape or record player to enjoy discrete 4-channel tapes and records now, and with the SFCS matrix system equipped VN-5101 stereo add-on amplifier to enjoy your present 2-channel stereo program sources in 4-channel format. The VR-5551 includes two FETs and two ICs, a top-class FM tuner section, a wide 15Hz to 30kHz power bandwidth, plus advanced S.E.A. (Sound Effect Amplifier) super tone control system, and much, much more. 5-7/8"H x 19-3/8"W x 14-1/2"D. 28.6 lbs.



65W/CH RMS (1kHz), Frequency response: 10–60,000Hz, FM Usable sensitivity: 1.6 $\mu$ V (IHF)

# VR-5541

160 Watt FM/AM Stereo Receiver with Advanced S.E.A.

In the same great tradition as the VR-5551 is this 160 watt receiver that is without peer in this power range. The VR-5541 gives you access to the new world of four-channel stereo in any of three ways. The FM tuner combines a 4-gang

tuning capacitor and two ICs, plus four mechanical filters (equal to eight ordinary ones), and FET. Its capture ratio is an exceptional 0.8dB, spurious rejection is 100dB and IHF sensitivity is an exquisite  $1.7\mu\text{V}$ . The VR-5541 also has a 12dB S.E.A. super tone control system, a linear FM dial scale, two tuning meters, a versatile speaker selector control, and front-panel tape recording and playback jacks for recording either with or without S.E.A. 5-7/8"H x 19-3/8"W x 14-3/8"D. 25.3 lbs.



**SEA** 50W/CH RMS (1kHz), Frequency response: 10–60,000Hz, FM Usable sensitivity:  $1.7\mu\text{V}$  (IHF)



# VR-5521

100 Watt FM/AM Stereo Receiver with S.E.A.

Excellent FM sensitivity and selectivity are assured by and FET-equipped front end and an IC plus 3-mechanical filter IF stage. An FM linear dial scale and JVC's "Bull's eye" tuning light bring in each station perfectly while an FM muting

circuit suppresses interstation noise. The VR-5521 is also equipped with an FM Detector Output to permit 4-channel FM reception as soon as broadcasting begins. But it is also a complete receiver in every other way as well. Power bandwidth is a wide 20 to 30,000Hz and THD is a negligible 0.5% at 1kHz. Control and freedom over reproduced sound is made possible by the 5-element S.E.A. tone control system JVC has built-in. 5-7/8"H x 18"W x 14-3/8"D. 22 lbs.



**S.E.A.** 24W/CH RMS (1kHz), Frequency response: 15-50,000Hz, FM Usable sensitivity: 2.0 $\mu$ V (IHF)

# VR-5511

60 Watt Stereo Receiver with S.E.A.

Ideal for those who don't require prodigious power, but who do want something more than just music. Unsurpassed in its range, the VR-5511 offers advanced S.E.A. with knobs that

click up or down in 2dB steps within a range of  $\pm 12\text{dB}$ . It also adopts the new FM linear dial scale, and features an improved FET front end for greater FM sensitivity and selectivity. Complete with a special protector circuit and capacity to power two speaker systems at once, the VR-5511 features a modern black face dial with "Bull's eye" FM dial pointer and an expensive wooden cabinet as standard equipment. 5-3/8"H x 16-7/8"W x 13"D. 17.2 lbs.



**SEA** 20W/CH RMS (1kHz), Frequency response: 20–50,000Hz, FM Usable sensitivity: 2.5 $\mu$ V (IHF)



# VR-5505

## 40 Watt FM/AM Stereo Receiver.

This unit delivers 20 watts of power per channel into 4 ohms, making it large enough to power a pair of medium-sized speakers and fill a good-sized room with clean sound. Its FM tuner section reflects a good deal of attention to detail, with its 2-gang, tuning capacitor, FET, silicon transistor front end and 4-element mechanical filter in the IF stage. Sensitivity of this unit is a low  $2.2\mu\text{V}$ , with capture ratio rated at 2.5dB and stereo separation of 33dB. It also adapts the wide and easy-to-read FM linear dial scale, making for easy and precise FM tuning. Attractively styled and finished, with handsome cabinet as standard equipment. 5-3/4"H x 18-1/2"W x 13"D. 17.6 lbs.

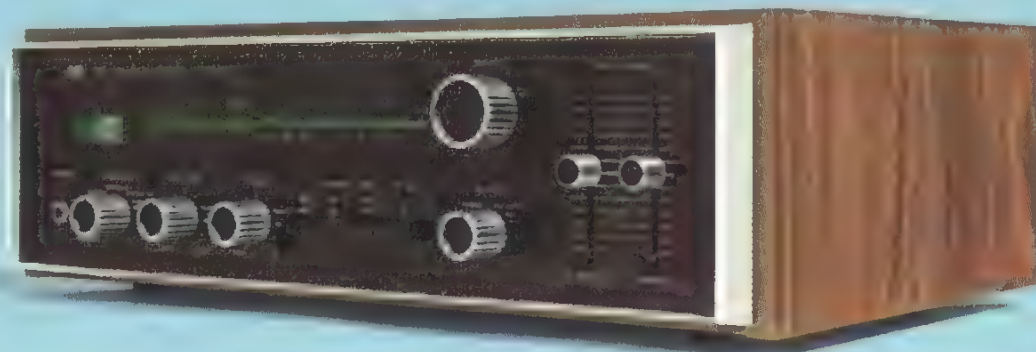


11W/CH RMS (1kHz), Frequency response: 20–40,000Hz,  
FM Usable sensitivity:  $2.2\mu\text{V}$  (IHF)

# VR-5501

## 40 Watt FM/AM Stereo Receiver with FET FM Front end.

JVC's VR-5501 is one of the outstanding receiver values in the lower power field. Complete with an FET-equipped FM front end, its very up-to-date circuitry includes a five-stage FM IF amplifier utilizing two mechanical filters. Special features include a 'Bull's eye' FM dial pointer that indicates when you are accurately tuned to an FM station, an FM stereo indicator, a five-position speaker selector control and sliding bass and treble tone controls. The VR-5501 also boasts an OCL (output capacitor-less) power amplifier with automatically recovering protector circuit. Complete with luxurious walnut cabinetry. 5-3/8"H x 16-7/8"W x 12-1/4"D. 14.6 lbs.



8W/CH RMS (1kHz), Frequency response: 20–40,000Hz,  
FM Usable sensitivity:  $2.5\mu\text{V}$  (IHF)

SPEAKERS,  
TURNTABLES &  
COMPACT  
STEREO



## Speakers for Power, Speakers for Price

It still figures that the wise man in stereo will put a large share of his budget into speakers. Which also helps to explain why JVC sound engineers spend so much time testing, refining, re-testing and listening to JVC speakers under rigid laboratory conditions. These systems make JVC receivers and amplifiers sound the way they were built to sound — and the package is simply unbeatable at all power and price levels.

### Tunable Bass Port

In its VS-5323 system JVC has introduced a new feature which adds to the speaker's versatility. By turning the tunable bass port the enclosure can be either a bass reflex enclosure emphasizing the low frequency response or an air suspension enclosure with a flat response throughout the range of audible frequencies.

### Reinforced Cone Woofer

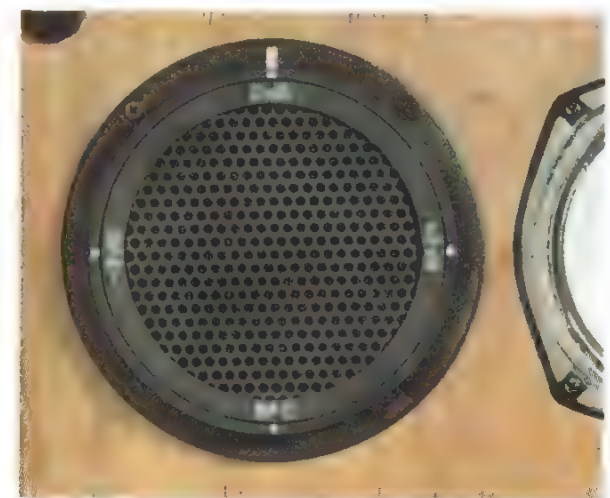
Another JVC innovation for rich, heavy bass is the big, free-edge woofer. The construction of this speaker is unique, with seven conical domes used to provide reinforcement and helping to avert divided vibration. This also produces a wider piston stroke, mini-

mizes distortion and improves linearity. For additional quality, the woofer's free-edge design prevents obstruction of cone motion and contributes to big amplitude vibration. This is extremely important when a rich bass is of paramount importance to sound.



### Multi-Cellular Horn Midrange

One of JVC's finest systems is the VS-5352. Its new 8-section cellular horn reproduces sound with incomparable brilliance, well-dispersed, sensitive and clear cut.



# VS-5352

## 5-Speaker 4-Way Acoustic Suspension Speaker System.

This is the most powerful speaker system JVC has ever offered, the awesome 100 watt VS-5352. But nobody knows better than JVC that power isn't everything, and this magnificently crafted high-fidelity system is crammed with some of the most exciting new developments in audio technology. The VS-5352 incorporates an extra large newly developed 15" woofer, a cellular horn midrange and a 6-1/2" cone type midrange, and two 2" tweeters to offer extraordinary sound reproduction throughout a 20 to 20,000Hz frequency range. The VS-5352's handsome front grille detaches to reveal midrange and tweeter level controls, and the system is encased in a beautiful walnut perfect acoustic suspension cabinet. Input impedance is 8 ohms. 29-5/16"H x 17-5/16"W x 15-3/8"D. 57.5 lbs.



Woofer: 15", Mid-range: 6-1/2" cone & Cellular horn, Tweeter: 2" cone x2  
Frequency response: 20-20,000Hz



# VS-5342

## 4-Speaker 4-Way High Efficiency Speaker System.

A truly exceptional means of quality sound reproduction. Though a bookshelf-type system, the VS-5342 can easily handle a mighty 80 watts peak input (40 watts RMS). Features a 12" free edge woofer with conical domes, a special cellular horn midrange, a 3-1/2" cone tweeter and a 2" horn super tweeter. The handsome front panel can be removed to gain access to midrange and tweeter level controls. The absolutely air-tight cabinet is of rich walnut. 28-1/2"H x 16-1/2"W x 15-3/8"D. 50.6 lbs.



Woofer: 12", Mid-range: Cellular horn, Tweeter: 3-1/2" cone & 2" horn,  
Frequency response: 20-20,000Hz

# VS-5333

**4-Speaker 3-Way System with Adjustable Midrange and Tweeters.**

Unique in the way that other speakers will be unique years from now, the VS-5333 includes a freely adjustable midrange speaker so that its high frequency response can be controlled, along with twin tweeters driven by mylar diaphragms for full high frequency response. Additionally, the system includes a variable limiter circuit that switches off the power when high power outputs are likely to cause speaker damage. Woofer is the extra-large 12" type with rolled free edge construction for perfect bass response. Tweeters include multi-cellular horns for sound dispersion over a wide area. The VS-5333 is ideal for use with even very high power amplifiers and receivers, owing to its limiter protection device. A red warning lamp is also provided that lights up between the twin tweeters the moment excessive input power enters the system. 25-1/2"H x 15"W x 12-9/16"D. 35.2 lbs.



Woofer: 12", Mid-range: 6-1/2" cone, Tweeter: Horn with diffuser,  
Frequency response: 38-20,000Hz



# VS-5323

## 3-Speaker 3-Way System with Tunable Port.

Popularly-priced, capable of delivering a rich and clean sound at all frequencies, this unit includes a tunable port to enhance bass response. Rolled free edge 10" woofer encourages rich, powerful low frequencies, while the tunable port permits the enclosure to be adapted to either a bass reflex enclosure or acoustic suspension enclosure or anywhere between these two extremes. Horn tweeter uses a light mylar diaphragm suspended from a heavy die-cast body. Three-inch midrange pours out rich, robust clean midranges. Both midrange and treble response can be altered by turning a knob connected to a variable resistance in the crossover network. Beautifully styled. 22-13/16"H x 12-5/8"W x 11-13/16"D. 17.6 lbs.



Woofer: 10", Mid-range: 4" cone, Tweeter: Multi-cellular horn,  
Frequency response: 40-20,000Hz



Woofer: 4-3/4" x 2, Tweeter: 2" cone x 2, Frequency response 50-20,000Hz

# VS-5399

## 4-Speaker Sound Tower.

The VS-5399's unique square pedestal cabinet is designed to fit inconspicuously into the corners of any room. Its performance is of such high quality that the VS-5399 is especially recommended for 4-channel stereo. Sound is diffused richly, naturally and evenly throughout the room because the pair of rolled free-edge woofers and 2-inch cone tweeters in each enclosure face at a 90-degree tangent to one another. Perfect for almost any low-to-medium power amplifier, it offers an impressive 50 to 20,000Hz frequency range. Beautifully enclosed, too, in luxuriously finished cabinets. 27-1/2"H x 7-7/8"W x 7-7/8"D. 13.2 lbs.



Woofer: 8", Tweeter: 2-1/2" cone, Frequency response: 40-20,000Hz

# VS-5397

## 2-Speaker 2-Way Acoustic Suspension System.

Capable of handling up to 40 watts of music input power, this attractive and reasonably priced system includes a new and specially designed acoustic lens to improve woofer directivity. 8-inch woofer is the rolled free edge type, while a 2-1/2" cone tweeter provides quality middle and high frequency response, dispersed through a multicellular horn for outstanding directivity. Frequency range from this system is extra wide for its size. Cabinet is handsomely finished and hermetically sealed. 18-1/8"H x 10-5/8"W x 9-1/4"D. 9.2 lbs.



# MF-4451

**4-Channel Integrated Compact Stereo System  
with S.E.A. 80 Watts.**

Complete, compact and compelling. Never before has there been a compact stereo system with this much power, this many features, this kind of performance. Performance you can control, because the MF-4451 incorporates JVC's famed five zone S.E.A. (Sound Effect Amplifier) tone control system, hitherto found only in our most expensive models. The MF-4451 offers a quality receiver with a powerful 80 watts total music power, a built-in 4-channel simulator and a program indicator, automatic record changer with diamond stylus and 4-pole outer rotor motor, and handsome blackout dial design. The very finest to be had in quality compact stereo. Dust cover and 45 rpm adaptor spindle included. Main unit: 8-7/8"H x 19-3/4"W x 17-3/4"D. 26.4 lbs.



Frequency range: FM 88-108MHz, AM 535-1605kHz, 17W/CH (RMS)



# VL-5

## 2-Speed CD-4 Ready Turntable.

When you're ready for 4-channel, so is this new stereo player from JVC. The unit is loaded with features, including an advanced belt-drive system with 4-pole synchronous motor that drives the 12" diecast aluminum platter. The universal tone arm includes a direct reading stylus pressure adjustment, while the anti-skating device and damped cueing device helps preserve your valuable record collection. Unit is 4-channel ready and takes any standard fitting cartridge. Outstanding performance specifications include wow and flutter less than 0.1% WRMS and rumble of 46dB. 7-3/8"H x 18-1/8"W x 14-7/8"D. 15 lbs.

Motor: 4-pole synchronous motor, Wow & flutter: 0.1% (WRMS)



# VC-5203

4-Speed Automatic Record Changer with Outer Rotor Motor.

A turntable for the very discriminating. For those who appreciate a truly distinguished manual turntable and who also desire the convenience of a fully automatic 4-speed record changer. JVC's revolutionary outer rotor induction motor is the key element here, providing constant, unwavering speeds at 16-2/3, 33-1/3, 45 and 78 rpm. But there is also an exquisitely balanced tubular tonearm, with magnetic cartridge and diamond stylus. The VC-5203 accepts up to 6 records and automatically returns the tonearm to the rest position when all have been played. Stylus pressure is 4-5 grams. The VC-5203 comes in beautiful walnut, and a tinted acrylic dust cover and EP adaptor are included. 7-1/4"H x 16-3/8"W x 14-1/4"D. 13.2 lbs.



Motor: 4-pole outer rotor motor, Wow & flutter: 0.1% (WRMS)

# TAPE DECKS



## A Complete Range of Tape Decks.

JVC's tape decks are considered among the world's finest. Included in this broad and impressive line are some of the prestigious Lab Series tape decks, as well as more popularly-priced units with a variety of professional features, including the following:

### 4-Channel Discrete Sound

Just what you'd expect from one of the leaders in 4-channel, JVC gives you a wide choice of quality 4-channel decks such as the \*4RD-1401 and 4RD-1405 reel-to-reel decks, and 4ED-1203 and 4ED-1205 4-channel cartridge decks.

### ANRS (Automatic Noise Reduction System)

JVC's exclusive Automatic Noise Reduction System reduces tape hiss in the middle and high frequencies of the audio spectrum without harming tonal quality. It improves the S/N ratio by better than 5dB at 1kHz and 10dB at 10kHz, while maintaining the full frequency response range. As an add-on component to every deck, JVC makes the separate NR-1020 ANRS unit that easily plugs into the deck.

### Tape Select Switches

A built-in tape select switch enables

listeners to use the new low noise-high output tapes with JVC's all open reel decks and CD-1665. There's also another built-in chrome tape switch so that the ultra hi-fi chrome tapes may be used with cassette models.

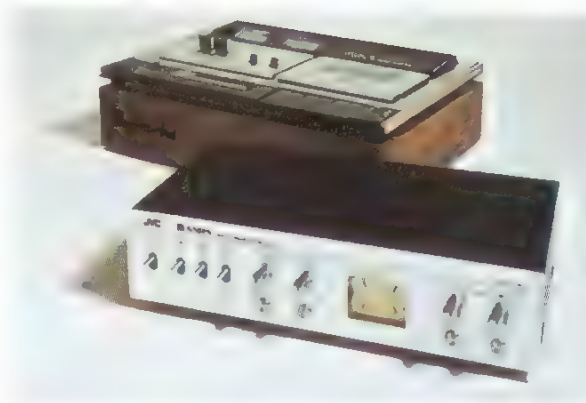
### Easy Loading System

The pinch roller on all JVC open reel tape decks retracts to facilitate tape loading when the control lever is in the stop position. Then it automatically returns to its normal position when

the control lever is set to play or record position. Awarded U.S. Patent No. 3572571.

### Automatic Stop and Eject Mechanisms

If you own JVC models CD-1666, CD-1667 and \*CD-1668, the cassette is automatically ejected when it finishes play in either the playback, fast forward, rewind or recording mode. You can forget about tape damage or unit overheating. (\* See Lab Series)



# 4RD-1405

## 4-Channel/2-Channel Tape Deck.



No tape deck available today prepares you so well for the future of tape recording than this professional all-around unit. Equipped with all the facilities necessary for top-notch 4-channel playback and recording, the 4RD-1405 is still priced no more than many conventional 2-channel decks. Features include the very latest in solid state circuitry, four level meters and four independent level controls, one for each channel. There's a normal/low noise tape selector so you can play all the advanced tapes. You can play back and record both 4- and 2-channel tapes, meaning that all the latest tapes are available to you — and you don't have to give up your current collection of more conventional tapes. Other solid reasons to investigate the potential of the 4RD-1405 include its frequency response of 30 to 18,000Hz ( $\pm 3$ dB), auto stop, easy loading, automatic tape cleaner, 4-digit tape counter and quality mechanisms which reduce wow and flutter to a bare minimum of 0.1% (RMS) and insure accurate speeds. If you're moving up to 4-channel sound on a budget, this is the deck to own. 13-1/2"H x 16"W x 7-5/8"D. 22 lbs.



Frequency response: 30–18,000Hz ( $\pm 3$ dB), Wow & flutter: 0.1% (RMS)



# RD-1450

## 3-Head Stereo Tape Deck.

Versatile, practical and economical — with features normally found only in higher priced units. Controls guarantee convenient and trouble-free operation. For example, the Automatic Stop switches off deck and turns control switch to stop position when reel is finished or if tape accidentally breaks. Tape loading becomes child's play, thanks to a retractable pinch roller. Professional sound quality is produced through the use of three individual heads. Further enjoyment of fine music is yours with a special tape selector switch that permits quick change-over from normal tapes to the new low noise/high output tapes. The RD-1450 features a 4-pole capacitor motor for stable performance at 7-1/2 and 3-3/4 ips. Four integrated circuits. Performance includes 30 to 20,000Hz ( $\pm 3$ dB) in frequency response with negligible wow and flutter of 0.1% (RMS). 11 transistors, 4 ICs and 5 diodes. 12-3/4"H x 15-3/4"W x 6-7/8"D. 20.5 lbs.



Frequency response: 30—20,000Hz ( $\pm 3$ dB), Wow & flutter: 0.10% (RMS)



# RD-1695

## Stereo Tape Deck.

For the enthusiast with a high caliber system who wants a tape deck to match, here's a remarkable unit that stresses reliability, refines tonal quality and simplifies handling. In figures this means frequency response of 30 to 18,000Hz ( $\pm 3$ dB) with negligible wow and flutter of only 0.13% RMS. In capabilities it means sophisticated sound-on-sound and sound-with-sound recording techniques. For stability and reliability it means improved solid state circuitry including the use of two ICs. Tonal quality hits all time highs with features such as the special built-in tape selector that permits instant changeover to the new low-noise/high output tapes. And in convenience it means features like a retractable pinch roller mechanism for simplified tape loading, an all-in-one control switch that handles rewind, stop, play-record, pause and fast forward functions. Handsomely designed to blend with any decor, this unit contains 6 transistors, 2 ICs and 4 diodes. 12-3/4"H x 15-3/4"W x 7-1/2"D. 19.4 lbs.



Frequency response: 30-18,000Hz ( $\pm 3$ dB), Wow & flutter: 0.13% (RMS)

# CD-1667

## Stereo Cassette Deck with ANRS.

The professionalism of the open reel deck is combined with the convenience of the cassette in this high-performing compact, a “must” for any serious stereo enthusiast. Built-in Automatic Noise Reduction System (ANRS), Tape Selector Switch, long life head and electrically-governed DC motor enable the unit to offer frequency response of 30 to 16,000Hz ( $\pm 3\text{dB}$ ), a signal-to-noise ratio of 50dB and low wow and flutter characteristics of 0.15% RMS. For optimum recording, the unit features a pair of large VU meters, separate sliding volume controls and convenient pushbuttons for all recording and playback functions, including one for Pause and Eject. For professional monitoring with headphones, a headphone level switch is included. 4 ICs, 20 transistors and 17 diodes. 4-9/16”H x 14-15/16”W x 10-7/16”D. 10.1 lbs.



Automatic Noise Reduction System Frequency response: 30–16,000Hz ( $\pm 3\text{dB}$ ), Wow & flutter: 0.15% (RMS)

# CD-1666

## Stereo Cassette Deck with Automatic Stop.

Top quality stereo sound and cassette convenience make this deck one of the best buys in taping components. Tonal quality in its price range is peerless with frequency response of 30 to 16,000Hz, ( $\pm 3\text{dB}$ ), a signal-to-noise ratio of 50dB and wow and flutter of 0.15% RMS. Helping to make these impressive figures possible are a built-in noise suppressor, and long-life heads. Finger-tip control of all recording and playback functions is made possible with piano-key pushbutton controls, a pair of sliding volume controls and convenient switch-type controls for power, mono-stereo selection and noise suppression. Large, professional-type VU meters make visual confirmation of recording levels easy. Mounted on a handsome wooden base, the unit features a 3-digit counter with reset button and automatic cassette eject system. 16 transistors and 9 diodes. 4-9/16"H x 14-15/16"W x 10-7/16"D. 10.1 lbs.



Frequency response: 30–16,000Hz ( $\pm 3\text{dB}$ ), Wow & flutter: 0.15% (RMS)



# CD-1665

## Compact Stereo Cassette Tape Deck.

A unique, convenient unit, the CD-1665 combines the simplicity of cassette operation and the superior tone quality and performance normally associated with open reel tape decks. It incorporates many of the important advantages of larger, more expensive models, offering for example, a wide 40 to 14,000Hz ( $\pm 3$ dB) frequency response range while limiting wow and flutter of 0.15% RMS. Other attractive features include low-noise tape select switch, dual illuminated VU meters, separate channel sliding volume controls, 3-digit tape counter and a stereo/mono recording switch. Demonstration cassette included. 11 transistors and 4 diodes. 4-5/16"H x 11-1/8"W x 9-3/8"D. 6.6 lbs.



Frequency response: 40–14,000Hz ( $\pm 3$ dB), Wow & flutter: 0.15% (RMS)

# CD-1655

**Stereo Cassette Deck with Tape Selector Switch and Noise Suppressor.**

Compact, convenient and styled to offer tremendous value, the CD-1655 has a variety of professional features that add up to one top performer. Tape heads are the Cronios type with new wear-resistant finish that extends their life 10 times longer than the more conventional permalloy heads. This deck also gives you a choice of all the new kinds of cassette tape, too, as it has a selector switch for both chrome or regular tape. And then, for playing back tapes of inferior quality, you'll appreciate the noise suppressor unit contained in the CD-1655 that suppresses unnecessary tape noise and aids clear sound reproduction. Other key features include mechanical auto stop, separate VU meters, pause and slide volume controls, an extra wide frequency range and visual tape counter. Frequency response is 40-15,000Hz ( $\pm 3$ dB) and wow and flutter is a low 0.2% (RMS). 4-1/2"H x 14-11/16"W x 9-5/16"D. 7.7 lbs.

Frequency response: 40–15,000Hz ( $\pm 3$ dB), Wow & flutter: 0.20% (RMS)

# 9470

**40 Watt FM/AM Stereo Receiver with Built-in Stereo Cassette Tape Recorder.**

A complete home entertainment center, is yours in this beautifully styled package of fine electronics. The 9470 offers 30 watts of continuous power output (1kHz) drives most medium-powered speaker systems, has a sensitive FM/AM tuner for superb radio reception, and also a quality cassette tape recorder that lets you record off records or radio. You'll like the multiple features of this sensibly-priced unit, such as pause control for the tape recorder, loudness control for the receiver, separate tone controls, large VU meters, individual recording level controls, and connection terminals for an external turntable or another tape recorder. Cassette recorder also includes tape selector switch so you can play advanced chrome dioxide tapes, and an automatic head cleaning system for easy maintenance. 4 ICs, FET, 18 transistors, 20 AUX. 5-3/4"H x 17-1/4"W x 11-1/2"D. 19.8 lbs.



15W/CH RMS, Frequency range: FM 88-108MHz, AM 540-1600kHz,  
Frequency respons: 40-14,000Hz, Wow & flutter: 0.20% (RMS)



# 4ED-1205

4-Channel Play and 2-Channel Record 8-Track Cartridge Deck.

The best of both the world of 4-channel and 2-channel stereo is yours with this high-performance cartridge model. Insert a pre-recorded 4-channel cartridge tape and the excitement and purity of discrete 4-channel sound is yours today. Or, for the best of the world of 2-channel stereo, insert either a pre-recorded 2-channel cartridge or a blank one for top 2-channel playback and recording. Either way you choose, you get top frequency response of 40 to 12,000Hz ( $\pm 3$ dB) with low wow and flutter of 0.2% RMS. Plus built-in automatic repeat and stop features, pushbutton controls for all recording and playback functions including fast forward and pause, two large VU meters with four independent volume controls, time counter and convenient front panel input jacks. The cartridge deck for today and tomorrow. 4-7/8"H x 16-9/16"W x 10-15/16"D. 16.5 lbs.



Frequency response: 40–12,000Hz ( $\pm 3$ dB), Wow & flutter: 0.20% (RMS)

# 4ED-1203

## 4-Channel Stereo Cartridge Tape Player Deck.

Simply connect to a 4-channel amplifier and four speakers, slip in a 4-channel cartridge tape, and enjoy all the realism of a music hall right in your own living room. And talk about convenience. With the 4ED-1203 there's no need to turn the tape over every time it reaches its end. It goes right on playing until you stop it. Discrete 4-channel stereo sound from 30 to 12,000Hz. ( $\pm 3\text{dB}$ ). Plays conventional 2-channel stereo music tapes as well. Walnut case. 14 transistors, 5 diodes. 4-3/16"H x 10-3/16"W x 9-7/8"D. 7.9 lbs.



Frequency response: 30–12,000Hz ( $\pm 3\text{dB}$ ), Wow & flutter: 0.25% (RMS)



Frequency response: 30–14,000Hz ( $\pm 3$ dB), Wow & flutter: 0.20% (RMS)

# ED-1261

## 8-Track Stereo Cartridge Player/Recorder Deck.

For playback, simply insert a cartridge and program the ED-1261 for All Program Stop, Each Program Stop or Non-stop continuous play. The fidelity of your tapes is superb with the unit's built-in performance capabilities measuring 30 to 14,000Hz ( $\pm 3$ dB) in frequency response, 50dB S/N ratio and wow and flutter of 0.2% RMS. Recording is convenient with large VU meters and recording button. To prevent double recording, the unit's Auto Stop/Non-stop selector can be programmed to stop automatically after each selection. And for breaks in recording, the unit's pause switch lets you stop and start the tape with no tell-tale click noise. A fast forward switch is also included. 4-7/8"H x 16-9/16"W x 10-15/16"D. 15.4 lbs.



Frequency response: 40–12,000Hz ( $\pm 3$ dB), Wow & flutter: 0.20% (RMS)

# ED-1240

## 8-Track Stereo Cartridge Play/Record Deck.

This unit is ideal for adding the special bit of tape versatility to your home stereo component system. It accepts all the 8-track cartridge tapes available today and plays them back with a wide frequency response range of 40-12,000Hz ( $\pm 3$ dB). Easy operating features are legion with this unit: automatic ejection when the tape reaches its end, fast forward pushbutton to help you rapidly locate a favorite selection, and convenient pause/start button that permits fingertip editing during the recording mode. There are also two very large VU meters for recording, and JVC's unique three-in-one tape head that combines recording, playback and erase functions. Wow and flutter 0.2% (RMS). 4-1/4"H x 13-1/4"W x 9-1/8"D. 8.8 lbs.



# ED-1102

## Compact 8-Track Stereo Tape Cartridge Player Deck.

Ideal for the home. Handy 8-track stereo cartridges of your favorite music provide up to 80 minutes of uninterrupted listening pleasure. Play begins the instant you insert a cartridge. No more cumbersome rewinding or threading. Teams beautifully with any home stereo system, providing rich stereo sounds for feeding through your amplifiers and speakers. Frequency response is a wide 30 to 12,000Hz ( $\pm 3\text{dB}$ ), and wow and flutter are kept to less than 0.2% RMS. Indicator lights tell you at a glance which program is playing. 6 transistors, 3 diodes. 3-5/8"H x 6-3/4"W x 9-5/8"D. 6.2 lbs.



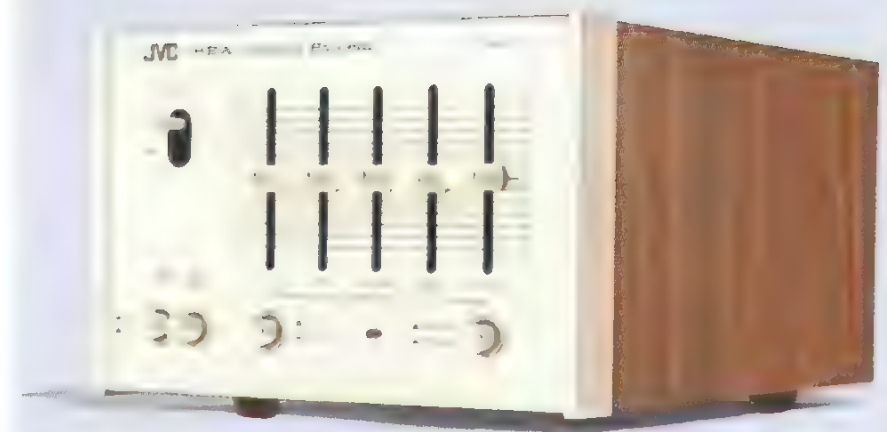
Frequency response: 30–12,000Hz ( $\pm 3\text{dB}$ ), Wow & flutter: 0.2% (RMS)

# ACCESSORIES

# SEA-10

## Five-Zone S.E.A. Tone Control Unit.

JVC's unique, independent tone control system plugs directly into your stereo to provide complete control of room acoustics and program sources. Five separate controls cover the entire frequency range from 40Hz to 15,000Hz. There are also switchable controls for the high- and low-ends (40Hz/60Hz and 10,000Hz/15,000Hz) of the sound spectrum. Can be used to create entirely different sounds. Easily connects to existing systems; includes 5 transistors and 2 diodes. 5-1/4"H x 7-1/2"W x 10"D. 5.7 lbs.



S.E.A. Center Frequencies: 40 60, 250Hz, 1, 5, 10 15kHz,  
Control range:  $\pm 12$ dB

# ECA-102

## Radar Screen Reverberation Amplifier.

All the depth and presence you could ask for in stereo comes from this stylish, unique component that hooks up to your amplifier or receiver and adds a new vibrance to discs, tapes, or radio. Includes mixing control circuit, 0 to 3 second reverberation time, colorful "radar screen" reverb indicator and surround stereo effect. As reverberation is intensified, the radar screen blinks a fascinating kaleidoscopic pattern. Beautifully styled. 5-7/8"H x 9-5/8"W x 13-3/4"D. 10 lbs.



Frequency response: 20-40,000Hz



# NR-1020

## ANRS Noise Reduction Unit.

This is an independent Automatic Noise Reduction Unit that can be incorporated into an existing stereo system to eliminate annoying tape hiss and noise while enhancing sound

reproduction. A JVC exclusive ANRS actually improves the signal-to-noise ratio by 5dB at 1kHz and 10dB at 10kHz without adding noise to your stereo tapes. The unit has a built-in 400Hz signal generator and includes two calibration tapes — one reel-to-reel and one cassette — each with a 400Hz signal recorded on them. 3-5/8"H x 13-1/8"W x 7-1/2"D. 5.7 lbs.



# 5911

## Remote Control Unit.

Connects to JVC's 4-channel receivers, amplifiers and compact stereos, and permits sound balance control among four channels to obtain optimum 4-channel stereo effect no matter where you are seated in a room. Complete with master volume control. 2"H x 3-1/2"W x 4-3/4"D. 1.0 lbs.



# 1062/1061

## JVC Sensitive Dynamic Microphones.

Deliver clear, sensitive pickup of all sound. Built to fit any standard mic input jack and offer faithful pickup from any direction.

# 4MD-20X

## 4-Channel Stereo Cartridge with SHIBATA Stylus.

Specially designed for use with JVC's CD-4 discrete 4-channel disc system. Includes V-shape magnetic cartridge with extended range frequency response — 20 to 60,000Hz, three times greater than regular stereo cartridges. Stylus pressure 1.5-2.0 grams.



# 5944

## 4-Ch/2-Ch Stereo Headphones.

Rich sounding 4-channel or 2-channel stereo for private listening is what this advanced component is all about. Complete channel separation from 20 to 20,000Hz frequency range, with distortion less than 0.5% at 1mW. Lightweight, washable, with adjustable headband. 1.3 lbs.



# STH-10E

## 2-Channel Stereo Headphones.

Quality headphones featuring 20 to 20,000Hz frequency range, 70mm curved-parabolic diaphragms, flat frequency characteristics and wide response. Separate volume controls on each earphone permit independent channel adjustment. Double-cushion ear pads, adjustable headband. 0.8 lbs.





Design and specifications subject to change without notice.



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